

Chapter 1 Introduction

Disaster Mitigation Act of 2000

§201.4(c)(6): A Plan Adoption Process. The plan must be formally adopted by the State prior to submittal to us for final review and approval.

§201.4(c)(7): The plan must include assurances that the State will comply with all applicable Federal statutes and regulations in effect with respect to the periods for which it receives grant funding, in compliance with 44 CFR 13.11(c). The State will amend its plan whenever necessary to reflect changes in State or Federal laws and statutes as required in 44 CFR 13.11(d).

1.1 Purpose of the State Hazard Mitigation Plan

The Commonwealth of Virginia Standard Hazard Mitigation Plan provides guidance for hazard mitigation within the Commonwealth. Its vision is supported by goals, objectives and strategies for Virginia state government that will reduce or prevent injury from natural hazards to citizens and critical state facilities. This plan is supplemented by: agency Continuity of Operations Plans, agency strategic plans, and the *Commonwealth of Virginia Emergency Operations Plan - Volumes 1 through 8*.

This plan fulfills the standard state mitigation planning requirements (44 CFR §201.4) of the Disaster Mitigation Act of 2000 (DMA2K; Public Law 106-390, signed into law October 10, 2000). The DMA2K amends the 1988 Robert T. Stafford Disaster Relief and Emergency Assistance Act, and reinforces the importance of mitigation planning and emphasizes planning for disasters before they occur. Section 322 of the act specifically addresses mitigation planning at state and local levels. New requirements are identified that allow Hazard Mitigation Grant Program (HMGP) funds to be used for mitigation activities and projects for states and localities with Hazard Mitigation Plans approved by November 1, 2004. States that have developed a comprehensive, *enhanced* mitigation plan prior to a disaster will qualify for higher levels of HMGP funding. The Commonwealth of Virginia Hazard Mitigation Plan is a standard plan meeting the requirements for A Standard State Plan detailed in Interim Rule 44 CRF 201.4, published by the Federal Emergency Management Agency February 28, 2004. The Commonwealth will seek enhanced status following program capacity building once the standard plan is approved by the Department of Homeland Security's Federal Emergency Management Agency.

Meeting the requirements and criteria of section 322 regulations and rules qualifies the Commonwealth to obtain all disaster-related assistance including categories C through G of the Public Assistance Program. This is an essential component of disaster recovery. In addition, the Commonwealth will remain eligible for Hazard Mitigation Grant Program funds and the nationally competitive Pre-disaster Mitigation Program.

This plan is one of eight subplans or volumes that together constitute the *Commonwealth of Virginia Emergency Operations Plan* (EOP). The *Basic Plan* and its subplans listed

below are maintained by state agencies with emergency management duties and responsibilities. Selected parts of these plans are available online for viewing or download from the Virginia Department of Emergency Management Online Library at <http://www.vaemergency.com/library/eplan.cfm>. Reference copies of Volumes 1 through 6 also are available at community college and public university libraries statewide. Distribution of Volumes 7 and 8 is limited to specific individuals and user groups.

The volumes that comprise the entire Commonwealth of Virginia EOP include:

Table 1-1 Commonwealth Emergency Operations Plan

Volume	Title	Status
1	<i>Basic Plan</i>	April 2004
2	<i>Disaster Recovery</i>	March 1999; update underway
3	<i>Radiological Emergency Response</i>	October 2000; under review
4	<i>Oil and Hazardous Materials Emergency Response</i>	December 2001
5	<i>Virginia Hurricane Emergency Response</i>	August 2001
6	<i>Hazard Mitigation</i>	November, 2004
7	<i>Virginia Department of Transportation Emergency Operations</i>	July 2002, (limited distribution)
8	<i>Terrorism Consequence Management</i>	April 1999 (limited distribution)

Authority to implement the plan was further clarified beyond the *Code of Virginia* through Executive Order 73 (97).

COMMONWEALTH OF VIRGINIA



OFFICE OF THE GOVERNOR Executive Order 73 (97)

PROMULGATION OF THE COMMONWEALTH OF VIRGINIA EMERGENCY OPERATIONS PLAN

By virtue of the authority vested in me by Section 44-146.17 of the Code of Virginia as Governor and as Director of Emergency Services, I hereby promulgate and issue the Commonwealth of Virginia Emergency Operations Plan ("the Plan"), dated 1997, which provides for a state government response to emergencies and disasters wherein assistance is needed by affected local governments in order to save lives; to protect public health, safety, and property; to restore essential services; and to effect an economic recovery.

The State Coordinator of Emergency Services, on behalf of the Governor, is hereby authorized to activate the State Emergency Operations Center (EOC) in order to direct and control state government emergency operations. Activation of the State EOC shall constitute implementation of the Plan.

In accordance with the duties and responsibilities assigned in the plan, each designated state department or agency shall:

- (1) prepare and maintain the part(s) of the Plan for which it is responsible
- (2) conduct an on-going training program and participate in exercises as needed in order to maintain an appropriate emergency response capability;
- (3) in time of emergency, implement emergency response actions as required and in coordination with the State EOC; and
- (4) assist with post-disaster restoration and recovery operations as required.

The Plan is consistent with the Commonwealth of Virginia Emergency Services and Disaster Law of 1973 (Chapter 3.2, Title 44 of the *Code of Virginia*) and the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Public Law 93-288, as amended) and its implementing regulations.

This Executive Order rescinds the following three Executive Orders issued in 1990 by Governor Lawrence Douglas Wilder: Number 19 (90), Promulgation of Volume II, Emergency Operations Plan for Peacetime Disasters; Number 20 (90), Promulgation of the Commonwealth of Virginia Emergency Operations Plan, Volume III, Operational Survival Plan for War-Caused Disasters; and Number 26 (90), Promulgation of the Commonwealth of Virginia Emergency Operations Plan, Closing of the Chesapeake Bay Bridge-Tunnel.

This Executive Order shall be effective upon its signing and shall remain in full force and effect until amended or rescinded by further executive order.

Given under my hand and under the seal of the Commonwealth of Virginia this 9th day of May, 1997.

George Allen
Governor

Attest:
Betsy Davis Beamer
Secretary of the Commonwealth



Commonwealth of Virginia
Office of the Governor

Executive Order

NUMBER SIXTY-FIVE (2004)

PROMULGATION OF THE COMMONWEALTH OF VIRGINIA EMERGENCY OPERATIONS PLAN

By virtue of the authority vested in me by Section 44-146.17 of the Code of Virginia as Governor and as Director of Emergency Management, I hereby promulgate and issue the Commonwealth of Virginia Emergency Operations Plan ("the Plan") dated 2004. The Plan provides for state government's response to emergencies and disasters wherein assistance is needed by affected local governments in order to save lives; to protect public health, safety, and property; to restore essential services; and to enable and assist with economic recovery.

The State Coordinator of Emergency Management, on behalf of the Governor, is hereby authorized to activate the Commonwealth of Virginia Emergency Operations Center ("State EOC") in order to direct and control state government emergency operations. Activation of the State EOC shall constitute implementation of the Plan.

In accordance with the duties and responsibilities assigned in the Plan, the head of each designated state department or agency shall appoint a lead and at least one alternate Emergency Coordination Officer for the agency. The Emergency Coordination Officer is assigned the following responsibilities:

1. Coordinate with the Department of Emergency Management on emergency preparedness, response, and recovery issues;
2. Prepare and maintain designated parts of the Plan for which the agency is responsible;
3. Prepare and maintain internal plans and procedures to fulfill the responsibilities designated in the Plan;

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Executive Order 65 (2004)

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4. Maintain a roster of agency personnel to assist in disaster operations and ensure that persons on the roster are accessible and available for training, exercises, and activations of the Plan;
5. Coordinate appropriate training for agency personnel assigned to disaster operations;
6. Prepare and maintain internal emergency preparedness, response, and recovery plans for the agency's resources (facilities, personnel, and assets) that outline a comprehensive and effective program to ensure continuity of essential state functions under all circumstances;
7. Assure the State Coordinator of Emergency Management that preparedness plans for its facilities are coordinated with the applicable local emergency management agency.

The Plan is consistent with the Commonwealth of Virginia Emergency Services and Disaster Law of 2000 (Chapter 3.2, Title 44 of the Code of Virginia, as amended) and the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Public Law 93-288, as amended) with its implementing regulations.

This Executive Order rescinds Executive Order Number Seventy-three (97) issued on May 9, 1997, by Governor George Allen.

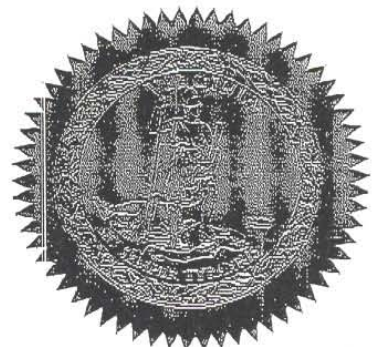
This Executive Order shall be effective upon its signing and shall remain in full force and effect until amended or rescinded by further executive order.

Given under my hand and under the Seal of the Commonwealth of Virginia, this 1st day of April 2004.


Mark R. Warner, Governor

Attest:


Secretary of the Commonwealth



1.2 Disaster Mitigation Act of 2000 and Implementing Regulations

Section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act or the Act), 42 U.S.C. 5165, enacted under § 104 of the Disaster Mitigation Act of 2000, (DMA 2000) Public Law 106-390. DMA 2000 was intended to facilitate cooperation between state and local authorities. It encourages and rewards local and state disaster planning in advance of disasters in order to promote sustainability of communities and services as a strategy to support disaster resistance. This enhanced pre-disaster planning effort is intended supports state and local governments' efforts to articulate accurate, targeted and prioritized needs for hazard mitigation that will reduce exposure to natural hazards. This planning effort will result in timely allocation of funding and more effective risk reduction strategies and projects.

FEMA prepared an Interim Final Rule, published in the Federal register on February 26, 2002 within 44 CFR Parts 201 and 206, that establishes planning and funding criteria for states.

44 CFR Part 201

44 CFR § 201.1 *et seq.* was promulgated by the Federal Emergency Management Agency, (FEMA) on February 26, 2002 in order to implement DMA 2000. The rule addresses state mitigation planning, and specifically in 44 CFR § 201.3 (c) identifies the states' mitigation planning responsibilities, which include:

- 1) Prepare and submit to FEMA a Standard Hazard Mitigation Plan following criteria established in 44 CFR § 201.4 as a condition of receiving Stafford Act assistance (except emergency assistance).
- 2) For consideration for 20% Hazard Mitigation Grant Program funding, prepare and submit an Enhanced State Mitigation Plan in accordance with 44 CFR § 201.5, which must be reviewed and updated, if necessary, every three years from the date of the approval of the previous plan.
- 3) Review and if necessary, update the Standard State Mitigation Plan by November 1, 2004, and every three years from the date of approval of the previous plan in order to continue program eligibility.
- 4) Make available the use of up to the seven percent of HMGP funding for planning in accordance with 44 CFR § 206.434. *See* 44 CFR § 201.3 (c).

44 CFR § 201.4, *Standard State Mitigation Plans*, lists the required elements of state hazard mitigation plans. Under 44 CFR § 201.4 (a), by November 1, 2004 states must have an approved Standard State Hazard Mitigation Plan that meets the requirements of the regulation to receive Stafford Act assistance. The planning process, detailed by 44 CFR § 201.4 (b), must include coordination with other state agencies, appropriate Federal agencies and interested groups.

44 § 201.4 (c), "Plan content," identifies the following elements that must be included in a state hazard mitigation plan:

- 1) A description of the planning process used to develop the plan;
- 2) Risk assessments that provide the factual basis for activities proposed in the strategy portion of the mitigation plan;
- 3) A Mitigation Strategy that provides the state's blueprint for reducing losses identified in the risk assessment;
- 4) A section describing Coordination of Local Mitigation Planning;
- 5) A Plan Maintenance Process, including a method and schedule for monitoring, evaluating and revising the plan; a system for monitoring implementation of

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- mitigation strategies and projects; and a system for reviewing progress in achieving goals, objectives and strategies as well as project implementation;
- 6) A Plan Adoption Process for formal adoption by the State Prior to submittal to FEMA for final review and approval; and
 - 7) Assurances that the State will comply with all applicable Federal statutes and regulations in effect with respect to grant funding periods, in compliance with 44 CFR 13.11(c). The state must amend its plan whenever needed to reflect changes in state or federal laws and statutes as required by 44 CFR 13.11 (d).

44 CFR Part 206

On February 26, 2002, FEMA also changed 44 CFR Part 206 in order to implement DMA 2000 (See 67 *Federal Register* 8844 [February 26, 2002]. Changes to 44 CFR Part 206 authorize hazard mitigation grant program funds for planning activities and increase the amount of HMGP funds available to states that develop an Enhanced Mitigation Plan.

In addition, through 44 CFR § 206.400, states receiving any disaster assistance funding under the Stafford Act must conduct repairs or construction funded by a disaster loan or grant in accordance with applicable standards such as the minimum standards of the National Flood Insurance Program (NFIP) and standards substantially equal to the recommended provisions of the National Earthquake Hazards Reduction Program (NEHRP).



1.3 Assurances & Adoption

The plan serves as *Volume 6: Hazard Mitigation of the Commonwealth of Virginia Emergency Operations Plan*; and is adopted as part of the complete *Commonwealth of Virginia Emergency Operations Plan* by the Governor with Executive Order Number Sixty-Five (2004). This document is within this plan on Pages 1-4 and 1-5. In addition, the plan has been cross-walked through the Emergency Management Accreditation Program (EMAP) and has been deemed consistent with the standards of EMAP relative to hazard mitigation.

§44-146.17. Powers and Duties of the Governor.

The Governor shall have, in addition to his powers hereinafter or elsewhere prescribed by law, the following powers and duties:

(1)...He may adopt and implement the Emergency Operations Plan, which provides for state-level emergency operations in response to any type of disaster or large-scale emergency affecting Virginia and that provides the needed framework within which more detailed emergency plans and procedures can be developed and maintained by state agencies, local governments and other organizations.

(2) To appoint a State Coordinator of Emergency Management and authorize the appointment or employment of other personnel as is necessary to carry out the provisions of this chapter, and to remove, in his discretion, and all persons serving hereunder;

§44-146.22. Development of measures to prevent or reduce harmful consequences of disasters.

In addition to disaster prevention measures included in state, local and inter-jurisdictional emergency operations plans, the Governor shall consider, on a continuing basis, hazard mitigation or other measures that could be taken to prevent or reduce the harmful consequences of disasters. At his direction, and pursuant to any other authority, state agencies, including, but not limited to, those charged with responsibilities in connection with floodplain management, stream encroachment and flow regulation, weather modification, fire prevention and control, air quality, public works, land use and land-use planning, and construction standards, shall make studies of disaster prevention. The Governor, from time to time, shall make recommendations to the General Assembly, local governments, and other appropriate public and private entities as may facilitate measures for prevention or reduction of the harmful consequences of disasters.

The Code of Virginia § 44-146.17 allows the Governor to appoint an Emergency Coordinator to carry out all provisions of the Code of Virginia relating to emergency preparedness, response and recovery.

The Code of Virginia § 44-146.22 specifically authorizes the Governor to consider hazard mitigation measures to prevent or reduce the harmful consequences of disasters. The Governor is expected to make recommendations to the General Assembly, local governments, and appropriate public and private entities. This Plan supercedes the hazard mitigation plan developed in 2001, and is Volume 6 of the eight-volume Commonwealth of Virginia Emergency Operations Plan.

The Commonwealth of Virginia, Department of Emergency Management, pledges that it will:

1. Comply with all applicable Federal statutes and regulations in effect with respect to periods for which it receives grant funding, in compliance with 44 CFR 13.11(c); and
2. Amend this plan whenever necessary to reflect changes in State or Federal laws and statutes as required in 44 CFR 13.11(d).

1.4 ***Planning Team***

Funding assistance for the preparation and printing of this plan was provided by the Federal Emergency Management Agency (FEMA) and is prepared in accordance with appropriate regulations and guidance provided by that agency.

This plan was completed with planning assistance and support by the planning staff at the Virginia Department of Emergency Management (VDEM). Staff from FEMA Region III offices provided additional planning assistance and plan review. The Virginia Tech Center for Geospatial Information Technology (CGIT) performed the hazard and risk identification and the vulnerability analysis. In addition, the center's staff supported the plan web site that was used to solicit mitigation project worksheets. The project and strategy prioritization process was managed by the Center.

The University of Virginia Institute for Environmental Negotiation provided facilitation to the final two State Steering Committee meetings as well as collaborated on development of project ranking protocols. Center staff also provided the final document continuity edit.

Technical mapping, hazard, and vulnerability analyses were accomplished by VDEM staff using ESRI ArcGIS 8.2 software, with spatial data provided by the Virginia Geographic Information Network (VGIN), the United States Geologic Survey (USGS), the National Weather Service (NWS), the Virginia Department of Treasury Division of Risk Management (VDT-DRM) and the Virginia Department of Forestry (DOF).

Critical to the development of the plan was the participation and contributions of more than 105 state and federal agencies, non-profit organizations and Virginia colleges and universities. Representatives attended four meetings of the State Hazard Mitigation Steering Committee, provided critical facilities data, submitted hazard mitigation strategies and projects, ranked activities and review the plan draft. In addition, many of these Steering Committee participants will continue to serve ongoing hazard mitigation task forces that will guide and direct implementation of this plan as well as determine continued data and information required for future plans that must integrate human-caused hazards into the current hazard identification and vulnerability assessment. Table 1-2 provides a list of organizations that provided valuable input to the plan. A full description of the planning process follows in Chapter 2 *Planning Process*. A full listing of the Mitigation Steering Committee may be found in Appendices D and I.

Table 1-2 State Hazard Mitigation Steering Committee

Agriculture & Consumer Services	Department of Transportation	Virginia Capitol Police
American Red Cross	Department of Treasury	Virginia Center for School Safety
Chesapeake Bay Commission	Dispute Resolution Center	Virginia Code Commission
	Emergency Management Office	
	Norfolk District, Corps of	
Chesapeake Bay Foundation	Engineers	Virginia College Savings Plan
Chesapeake Bay Local Assistance	Facilities Services & Planning	Virginia Commonwealth
Department	Administration	University
	Federal Emergency Management	Virginia Community College
Chesapeake Bay Program	Agency	System
	Frontier Culture Museum of	Virginia Community Policing
College of William and Mary	Virginia	Institute
Compensation Board	James Madison University	Virginia Cooperative Extension
		Virginia Department of
Department for the Aging	Jamestown-Yorktown Foundation	Emergency Management
Department of Agriculture and		Virginia Drought Monitoring Task
Consumer Services	Motor Vehicle Dealer Board	Force
		Virginia Economic Development
Department of Business Assistance	National Park Service	Partnership
Department of Conservation and		
Recreation	National Weather Service	Virginia Employment Commission
		Virginia Ground Water Protection
Department of Corrections	Norfolk State University	Steering Committee
	Office of Commonwealth	Virginia Housing Development
Department of Education	Preparedness	Authority
Department of Environmental		Virginia Information Technology
Quality	Office of the Attorney General	Agency
		Virginia Marine Resources
Department of Fire Programs	Office of the Governor	Commission
Department of Forestry	Richard Bland College	Virginia Municipal League
Department of General Services	Salvation Army	Virginia Museum of Fine Arts
	Southwest Virginia Higher	
Department of Health	Education Center	Virginia National Guard
Department of Health Professions	State Corporation Commission	Virginia Port Authority
Department of Historical Resources	State Corporation Commission	Virginia Resources Authority
Department of Homeland Security	Transportation Research Council	Virginia Save Our Streams
Department of Housing and	United States Army Corps of	
Community Development	Engineers	Virginia State Climatology Office
	United States Department of	
Department of Juvenile Justice	Agriculture	Virginia State Police
	United States Department of the	
Department of Labor and Industry	Interior	Virginia State University
Department of Mental Health,		
Mental Retardation & Substance		Virginia Tech Environmental
Abuse Services	United States Geological Survey	Health & Safety Services
Department of Military Affairs	University of Virginia	Virginia Tech
Department of Mines, Minerals and		
Energy	University of Virginia at Wise	Virginia Tourism Authority
		Virginia Volunteer Organizations
Department of Planning and Budget	URS Corporation	Active in Disaster (VOAD)
Department of Professional &		
Occupational Regulation	Virginia Association of Counties	Virginia Water Monitoring Council
Department of Rail and Public	Virginia Association of Planning	Workers' Compensation
Transportation	District Commissions	Commission
	Virginia Association of Soil and	Virginia Tech Environmental
Department of Taxation	Water Conservation Districts	Health & Safety Services
Department of the Blind and Vision	Virginia Association of Zoning	
Impaired	Officials	Virginia Tech
	Virginia Biotechnology Research	
Virginia Water Monitoring Council	Park	Virginia Tourism Authority
Workers' Compensation		Virginia Volunteer Organizations
Commission	Department of Transportation	Active in Disaster (VOAD)

1.5 State Hazard Mitigation Plan Coordination

VDEM Mitigation Planning Managers

Mary C. Camp, Director, Preparedness & Mitigation Division, VDEM

Harry Colestock, Director, Recovery & Mitigation Division, VDEM

Deborah Mills, State Hazard Mitigation Program Manager, VDEM

VDEM Mitigation Program Staff

David Corzilius, AICP, Mitigation Planner & GIS Technician

Elaine Meil, Hazard Mitigation Planner & GIS Technician

Michelle Pope, Hazard Mitigation Grant Program Coordinator

Eileen Tarr, Mitigation Planner

Brittany Taylor Schaal, Mitigation Planner

Virginia Polytechnic Institute Center for Geospatial Information Technology Staff

Dr. Shane Parson, Senior Project Manager

Rachael Herman Heltz, Project/GIS Specialist

Craig Moore, Project/GIS Specialist

Chris Stahl, GIS Assistant

Patrick Jarvis, Graduate Assistant

Sara Hyland, Graduate Assistant

University of Virginia Institute for Environmental Negotiation

Dr. E. Franklin Dukes, Director

A. Bruce Dotson, Associate Professor

Christine Gyovai, Graduate Associate

Anthony Scott, UVA Facilitator

FEMA Region III, Community Mitigation Division

Robert Linck

Therese Grubb

Joseph Zagone

URS Corporation

Stuart Wallace, AICP

Esther Aranda

1.6 Overview of Plan

Each chapter begins with the appropriate requirements from the Disaster Mitigation Act of 2000 to provide reference and context to the issues discussed within the chapter. A brief introduction to the section is followed by relevant information, charts, tables, and maps, which fulfill regulation requirements. The main chapters of the plan follow primary requirements of the hazard mitigation planning law:

Chapter 2.0 *Planning Process* describes the activities and work of the State Hazard Mitigation Steering Committee, VDEM staff and Virginia Tech and University of Virginia contractors. Plan participants, planning process, planning products and relevance to other related plans or Commonwealth functions is described.

Chapter 3.0 *Hazard Identification and Risk Assessment* has three primary components. A description of the Commonwealth is provided that includes:

- population distribution and characteristic
- business and industry
- agriculture
- locations of state government facilities, including those deemed critical

Natural hazards affecting the state are identified, including:

- descriptions and histories of hazards
- assessment of geographic extent and risk of hazards
- hazard specific loss estimation for state facilities

A summary assessment of the potential losses and risks is provided. The Commonwealth of Virginia Hazard Mitigation Plan will be revised during 2006 to include loss estimation data provided from local and regional hazard mitigation plans currently under development.

Chapter 4.0 *Hazard Mitigation Strategy* has multiple components. The Commonwealth's capability to respond to assessed hazards is described. A listing of limitations of this planning process, data and analysis methods used in the plan is discussed, along with provisions for the 2006 plan revision. The Chapter 3.0 vulnerability assessment was used to develop the hazard mitigation vision, goals and objectives necessary to reduce the risk from hazards across the state to specific state facilities and citizens. The final section presents the program strategies and projects ranked "critical" and "high" for importance to reduce exposure to hazards. A complete listing of projects and strategies is presented in Appendix H.

Chapter 5.0, *Coordination with Local Mitigation Planning Efforts*, describes a comprehensive three-year process to engage all Virginia communities in hazard mitigation planning. To date, two plans have been approved: the City of Chesapeake Hazard Mitigation Plan and the New River Planning District Hazard Mitigation Plan. Currently, 27 local hazard mitigation plans are under development by towns, cities, counties and planning district commissions. Most local plans are being coordinated by regional planning district commissions and comprise several counties, cities and towns.

Several regional plans are being developed in Tidewater Virginia led by the cities of Virginia Beach and Newport News. In addition, Amelia County, the Cities of Franklin and Poquoson, and the Town of Bluefield are engaged in development of a hazard mitigation plan.

Chapter 6.0, *Plan Maintenance, Implementation and Adoption*, outlines implementation of the plan and development of the anticipated 2006 plan revision. Processes used to maintain and update data and information contained in the hazard identification and vulnerability assessment databases are described. Plan adoption and revision are also described, augmented with a timeline.

Appendices may be found immediately following the plan. These provide detailed listings and agendas from each Steering Committee meeting, details on hazard identification and vulnerability assessment as well as the complete listing of agency-proposed goals, objectives and supporting strategies and proposed projects. The strategies and projects are each given a priority rating of "Critical," "High," "Medium," and "Low."

Appendix A includes a list of acronyms used in the plan.

Appendix B includes a glossary of definitions for terms used in the *Commonwealth of Virginia Hazard Mitigation Plan*.

Appendix C presents the federal legislation directing the planning process.

Appendix D provides profiles of major state and federal agencies and private non-profit organizations that participated during the planning process.

Appendix E contains documentation regarding the four State Steering Committee meetings conducted from July 2003 through July 2004.

Appendix F includes tables and documentation of the hazard and risk identification process; the vulnerability assessment and potential loss estimates are also included.

Appendix G provides summary information regarding development of the 29 local mitigation plans approved or under development by regional planning district commissions, regional groups and individual cities, counties or towns.

Appendix H is the comprehensive list of the four goal areas, supporting objectives, strategies and projects as prioritized by members of the State Steering Committee.

Appendix I provides the complete listing of those contributed to this plan through participation in the planning process.

Appendix J contains the Virginia Standard State Hazard Mitigation Plan Crosswalk document.

Appendix K includes the *Virginia Emergency Operations Plan*; *Appendix 9: HAZARD MITIGATION GRANT PROGRAM*